CA Caesar accession number : 1910

NP0021341117

AN - 1992:526472 CAPLUS
DN - 117:126472
TI - Preparation of a thiadiazine derivative as insecticide and acaricide.
IN - Nakaya, Michihiko; Odaka, Kenji; Ebihara, Koichi; Shiraishi, Shiro; Yamada, Hidekazu; Numata, Satoshi
PA - Mitsui Toatsu Kagaku K. K., Japan
SO - Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT - Patent
LA - Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN -	JP4077478	A	19920311	JP 1990-189380	19900719

AB - Insecticides and acaricides contain 2-(2,2,2-trifluoroethylimino)-3-[4-(2-chloro-3,3,3-trifluoro-1-propenyl)benzyl]-5-phenyltetrahydro-1,3,5-thiadiazin-4-one (I) or its salts, prepd. by treatment of PhN(COCl)CH2Cl (II) with p-CF3CH2NHCSNHCH2C6H4CH:CClCF3 (III). II (9.29 g) and 15.6 g III (prepn. given) were refluxed with MePh for 2 h to give 9.82 g I. I, at 50 ppm, controlled Spodoptera litura with 100% mortality, vs. 0%, for diazinon. Formulation examples are given.

AN - 1992:526472 CAPLUS
DN - 117:126472
TI - Preparation of a thiadiazine derivative as insecticide and acaricide.
IN - Nakaya, Michihiko; Odaka, Kenji; Ebihara, Koichi; Shiraishi, Shiro; Yamada, Hidekazu; Numata, Satoshi
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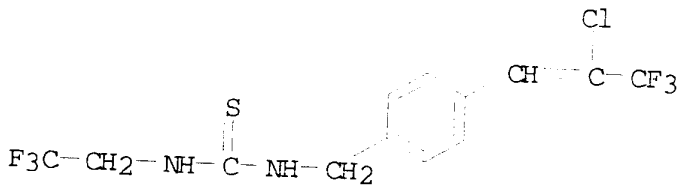
CODEN: JKXXAF
DT - Patent
LA - Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN -	JP4077478	A	19920311	JP 1990-189380	19900719

IT - 143413-41-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and cyclization of, with (chloromethyl)phenylcarbamoyl chloride)
RN - 143413-41-6 CAPLUS
CN - Thiourea, N-[[4-(2-chloro-3,3,3-trifluoro-1-propenyl)phenyl]methyl]-N'-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

[--00000066]



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SOURCE: (C) WPI / DERWENT

AN : 1992-136749 [17]

MC : C07-F03 C12-B04 C12-N02

PN : JP4077478 A 19920311 DW199217 011pp

PR : JP19900189380 19900719

PA : (MITK) MITSUI TOATSU CHEM INC

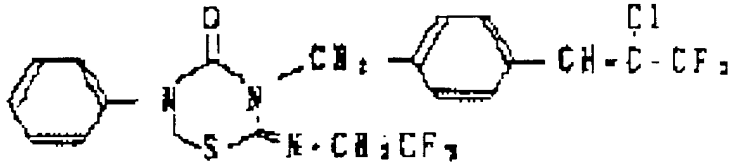
DC : C02

IC : A01N43/88 ;C07D285/34

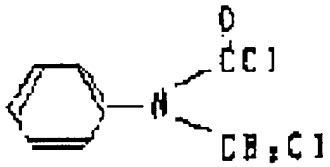
TI : New thiadiazine-type cpd. used as miticide or insecticide - comprises 2-(2,2,2-tri:fluoroethyl:imino)-3-4-(2-chloro-3,3,3-tri:fluoro-1-propenyl)benzyl -5-phenyl-tetra:hydro-1,3,5-thiadiazinone

AB : J04077478 (A) 2-(2,2,2-trifluoroethylimino) -3-(4-(2-chloro-3,3,3-trifluoro-1- propenyl)benzyl)-5-phenyl-tetrahydro -1,3,5-thiadiazine-4-one of formula (I) or its salts are new. These cpds. are prepd. by reacting a cpd. of formula (II) with a cpd. of formula (III). USE/ADVANTAGE - The cpds. have excellent effect of controlling harmful organisms. Used as insecticidal and miticidal agents.

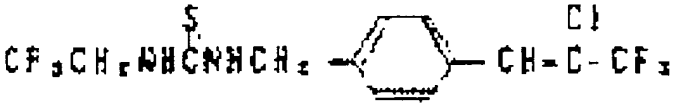
- In an example, of prepn. (B) N-chloromethyl-N-phenylcarbamoyl chloride of formula (II) and (C) 1-(4-(2-chloro-3,3,3-trifluoro-1-propenyl)benzyl)-3- (2,2,2-trifluoroethyl)thiourea of formula (III) are reacted, pref. in the presence of solvents. The reaction is conducted at e.g. 40-150 deg C for 0.5 - 24 hrs..
- (Dwg.0/0)



I



II



III